

Title (en)
PRINTING APPARATUS

Publication
EP 0429873 A3 19911009 (EN)

Application
EP 90120811 A 19901030

Priority
JP 28348989 A 19891031

Abstract (en)
[origin: EP0429873A2] Ink on an ink tape (2) is melted and transferred onto a print tape (1) by a thermal print head (5), while an electric motor is driven to feed the print tape (1). When the number of rotations of the motor reaches a predetermined value, a controller judges that the lead print position of the tape has reached a cutter (17) and stops rotating the motor. At this time, operating the cutter (17) can cut away a blank area preceding the lead print position. Continuing the printing without operating the cutter (17) can eliminate blank areas between the multiple printed portions.

IPC 1-7
B41J 11/66

IPC 8 full level
B41J 11/42 (2006.01); **B41J 3/36** (2006.01); **B41J 11/70** (2006.01)

CPC (source: EP US)
B41J 11/703 (2013.01 - EP US)

Citation (search report)

- [A] EP 0312201 A1 19890419 - BROTHER IND LTD [JP]
- [A] EP 0314517 A2 19890503 - BROTHER IND LTD [JP]
- [X] PATENT ABSTRACTS OF JAPAN, vol. 12, no. 485 (M-777)[3332], 19th December 1988; & JP-A-63 205 264 (SILVER SEIKO) 24-08-1988
- [Y] PATENT ABSTRACTS OF JAPAN, vol. 10, no. 353 (M-539)[2409], 28th November 1986; & JP-A-61 152 469 (TOSHIBA CORP.) 11-07-1986
- [A] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 189 (M-237)[1334], 18th August 1983; & JP-A-58 090 971 (FUJITSU K.K.) 30-05-19843
- [A] PATENT ABSTRACTS OF JAPAN, vol. 10, no. 342 (M-536)[2398], 19th November 1986; & JP-A-61 143 163 (OKI ELECTRIC) 30-06-1986

Cited by
EP0652110A3; US5232297A; EP0534799A3; US5131772A; USRE35175E; US6129466A; EP0947339A3

Designated contracting state (EPC)
BE DE FR GB

DOCDB simple family (publication)
EP 0429873 A2 19910605; EP 0429873 A3 19911009; EP 0429873 B1 19940601; DE 69009404 D1 19940707; DE 69009404 T2 19941013; JP 2605426 B2 19970430; JP H03143661 A 19910619; US 5159350 A 19921027

DOCDB simple family (application)
EP 90120811 A 19901030; DE 69009404 T 19901030; JP 28348989 A 19891031; US 60424890 A 19901029